

Title (en)  
Stator unit with moisture seal

Title (de)  
Statoreinheit mit Feuchtigkeitsabdichtung

Title (fr)  
Unité de stator dotée d'un joint détanchéité

Publication  
**EP 2214293 B1 20141217 (DE)**

Application  
**EP 09151601 A 20090129**

Priority  
EP 09151601 A 20090129

Abstract (en)  
[origin: EP2214293A1] The stator unit has a stator (1) which is formed from a stator laminate stack with stator windings (4) and stator bushing (3). A metallic bushing (5) is pressed into interior of laminate stack and has domes for fitting on the housing flange (12) that is connected directly to a stator flange (9). A sealing disk (31) is arranged between the stator flange and the housing flange. The sealing disk has sealing regions made from elastic plastic, which are arranged and designed such that direct and/or indirect sealing of through-openings and/or fastening holes is provided against ingress of moisture.

IPC 8 full level  
**H02K 5/10** (2006.01); **H02K 3/52** (2006.01); **H02K 7/14** (2006.01); **H02K 21/22** (2006.01)

CPC (source: EP US)  
**H02K 5/10** (2013.01 - EP US); **H02K 11/33** (2016.01 - EP US); **H02K 3/522** (2013.01 - EP US); **H02K 7/14** (2013.01 - EP US);  
**H02K 21/22** (2013.01 - EP US)

Citation (examination)  
GUSTAVO LEDEZMA ET AL: "Heat sinks with sloped plate fins in natural and forced convection", INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, vol. 39, no. 9, 1 June 1996 (1996-06-01), pages 1773 - 1783, XP055123933

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Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 2214293 A1 20100804**; **EP 2214293 B1 20141217**; ES 2530697 T3 20150304; PT 2214293 E 20150302; US 2010187920 A1 20100729; US 8415846 B2 20130409

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